

*Thank you for purchasing the product*

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## Important Safeguards

### Installation

To get a better watching, please use this projector while drawing the curtain or in a dark room.

Please use the projector carefully, dropping or crashing may damage parts or result in blurred images and abnormal displaying.

### Power

Be careful while using the power cord, avoid excessive bending; the damage of power cable may cause electric shock and fire.

It is better to unplug the power cord after power off.

### Cleaning

Unplug the power cable firstly.

Clean the shell regularly with a damp cloth, neutral detergent can be used.

Please use a glasses cloth or lens paper, avoid scratching the lens.

Please clean projector's vents and speakers regularly by banister brush, or the Ventilation will be blocked.

### High Temperature Attention

While projection or just finishing, the exhaust port nearby will be very hot, if touch it, would get scald.

While projection, please do not look into the lens directly, or may hurt eyes.

### Warm Tips

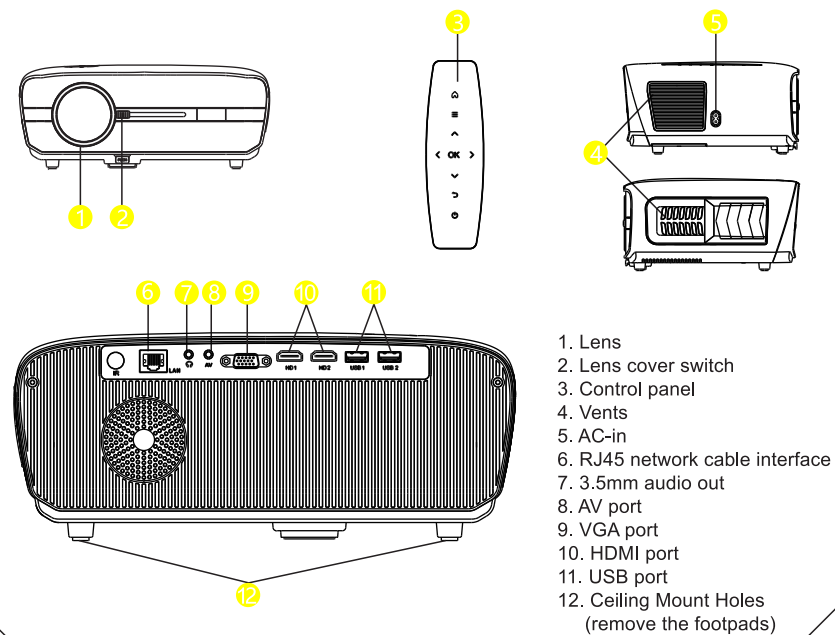
Do not disassemble the projector for there will be a risk of electric shock, and the unauthorized disassembling will void the warranty.

Please do not put any liquid or heavy stuff on the projector.

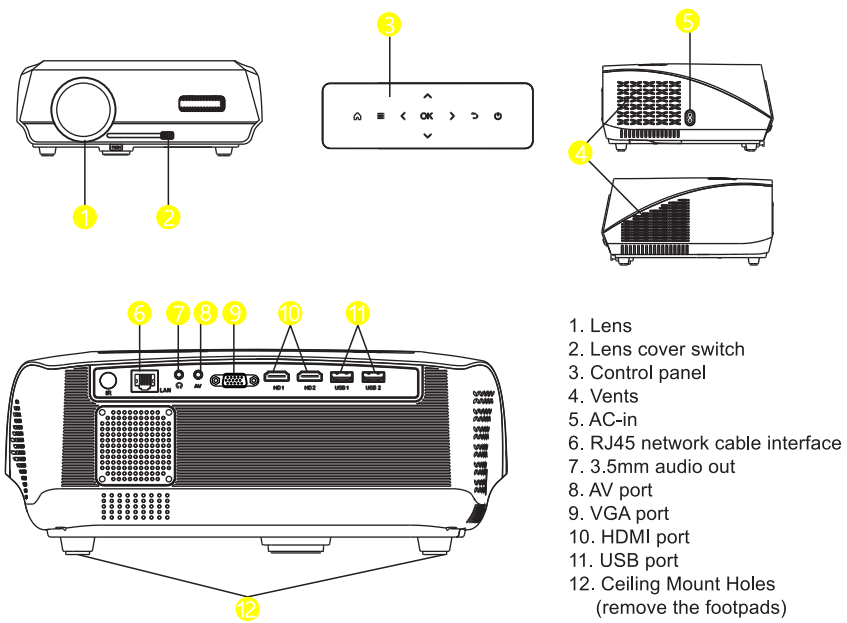
To ensure the stability of heat dissipation, please open the height bracket on the bottom of the projector before starting.

## Projector Knowledge

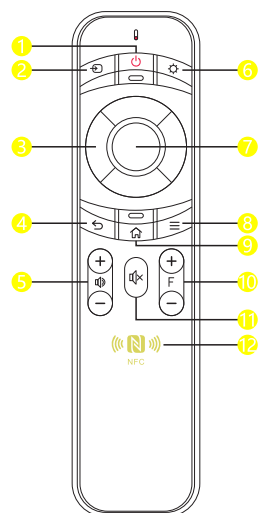
Projector can input high-definition video signal and composite video signal, and support stereo audio signal input and output. Please refer to the following figure to connect the projector and other equipment according to your own needs.



## Projector Knowledge



## Remote Control

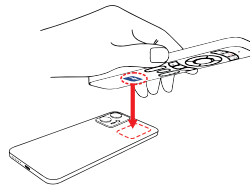


- 1.Power key
- 2.Source
- 3.Arrow keys
- 4.Return key
- 5.Volume+/-
- 6.Setting
- 7.Confirm key
- 8.Menu
- 9.Main interface
- 10.Focus adjustment
- 11.Mute
- 12.NFC sense zone

## NFC Function & tranScreen

### procedures:

1. Connect the projector and smart phone to the same WIFI;
2. Place the NFC icon on the remote control close to the NFC core of the smart phone, and the tranScreen APP will run (When you use it for the first time, download and install the tranScreen APP on the phone first).
3. Select the name of the projector in the device list.



4. The buttons on the interface correspond to different projection functions, select as needed.

**Start casting:** to cast the smart phone;

**Disconnect:** Click the "✕" in the upper right corner of the interface to disconnect during the casting process;

**Photos:** to cast the photos on the smart phone;

**Audio&Video:** to cast the audio/video on the smart phone;

**Document:** to cast the documents on the smart phone;

**Mirror Control:** the screen of the projector is displayed on the smart phone, and the projector can be controlled by the smart phone;

**Screenshot Note:** to take screenshot of projection image;

**Camera&Speak:** to cast the footage of the phone's camera in real time, press and hold the button below to cast the sound;

**Remote:** You can use your phone as a multi- function remote control: a mouse / trackpad / remote control, or run the APPs on the projector.

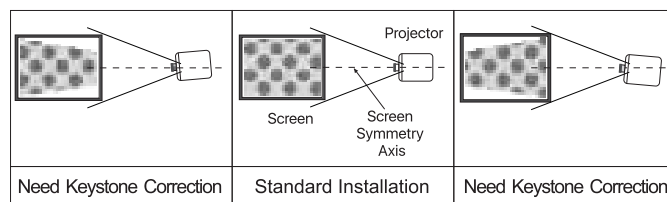
## Projector Installation

### Standard Setting

Please refer to the following table to adjust your picture size and distance. (from the lens to the screen).

| Picture size (inch) | Projection distance (16:9) |        |
|---------------------|----------------------------|--------|
|                     | (cm)                       | (feet) |
| 52                  | 148                        | 4.85   |
| 60                  | 173                        | 5.67   |
| 72                  | 206                        | 6.75   |
| 84                  | 238                        | 7.80   |
| 100                 | 282                        | 9.25   |
| 120                 | 338                        | 11.08  |
| 150                 | 419                        | 13.74  |

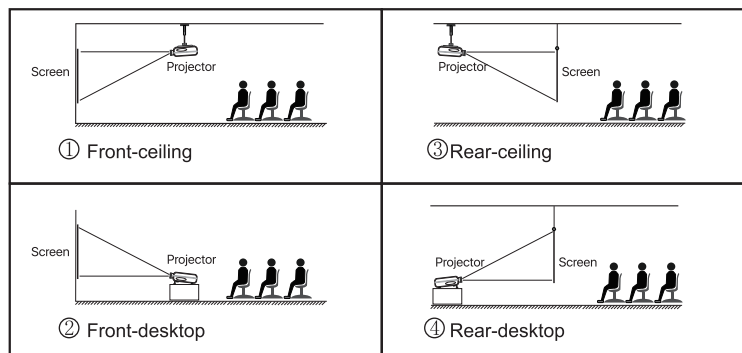
Please allow 5%-10% error to the image sizes and projection distance in the table above (due to measured manually). If the distance is less than Min. data or more than Max. data, the image maybe blurry.



## Projector Installation

### Installation Method

Contact a professional installer to mount this projector to a ceiling.  
Follow the instructions below for the correct projector positions.



### Warning:

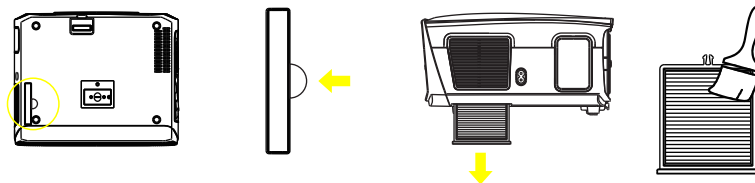
1. The projector may be damaged beyond repair if it is incorrectly mounted on a ceiling or on a surface.
2. The projector should only be used in an environment where the temperature does not exceed the range of 5°C -35°C . Projector malfunction may occur if this is not adhered to.
3. Malfunction may occur if the projector is subjected to dusty, wet, moist or smoky conditions.
4. Poor ventilation could cause overheating which could lead to damage to the projector as well as a life threatening situation.

## Projector Installation

### How to maintain the Air Purifying Filter

To ensure the performance of air purifying of the filter, please clean or replace the filter if necessary. Follow the instruction to pull out the air filter frame on the bottom of the projector. You can use a wool brush to gently sweep away the dust on the surface of the filter element. Depending on the frequency of use, it is recommended to replace the filter element every 3 to 6 months. The system will also pop up a tin to remind you to replace the filter element after the accumulative use time reaches 500 hours. Please replace the filter element according to the tips.

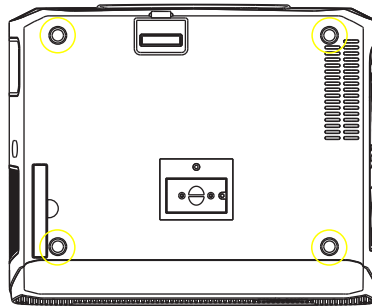
**Note:** The filter element is designed with special material and cannot be washed with water, otherwise the adsorption performance of the filter element will be damaged and the service life of the machine will be affected.



## Projector Installation

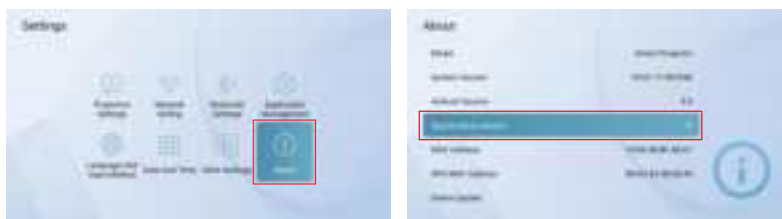
### Ceiling Mounting Method

There are four M4 screw holes on the bottom of the projector. **Remove the four footpads,** then attach the projector to the ceiling mount bracket and tighten the screws.

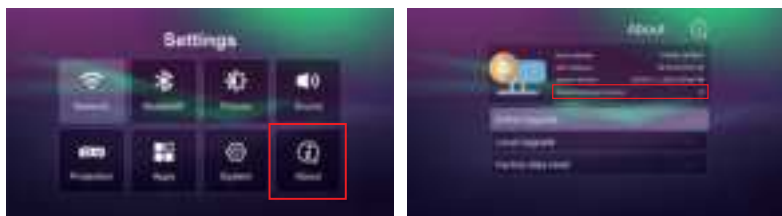


## Operating System Version (A/B)

This projector has different versions of the operating system due to different production batches. Before referring to the projector's specific User Manual, please turn on the projector, go to Settings->About, check the system version using the system interface in the picture below, and then refer to the User Manual for that version.



Operating System Version : A



Operating System Version : B

**IMPORTANT NOTE :** For system version B, long press the OK button on the remote control to switch to Mouse Cursor Mode to navigate if the remote control does not work in the APPS.

## Use of the Projector (A)

### Turn the Projector On/Off

When the projector is connected to a power source, the projector enters into standby and the power indicator is red.

**Switch on:** Press the power key on the body or the power key on the remote control, the indicator will turn green/blue and enter working state.

**Switch off:** In the working state, press the power key on the body or the power key on the remote control twice, the indicator changes from green/blue to red, and the projector is turned off.

### Focus Adjustment:

Select and enter "Settings" --> "Projection Settings" --> "Focus Mode" on SETTING interface, turn on the "Power-on auto Focus" switch, and the projector will auto-focus when it is turned on.

Press "F+" and "F-" on the remote control to manually adjust the focus.



## Use of the Projector (A)

### How to Switch Source

Select the input source icon on the screen or press Source button on remote control and then select the desired input source in the screen: AV / HDMI1 / HDMI2 / VGA / USB.



### How to Use Picture and Sound Setting

Press the "≡" on the remote control in the Settings interface, then select "Image Mode" for image settings and "Sound Mode" for audio settings.

**Image Mode:** Standard / Light / Soft / Game / Personal.

**Sound Mode:** Standard / Music / Movie / Personal.



## Use of the Projector (A)

### How to Play Files in USB Drive

Insert the USB device, and select "Open" in the pop-up interface. Or press Source button on the remote control, then select "USB".



### Note:

When browsing pictures with the multimedia player, press the menu key to hide the menu, and then press the left and right arrow keys to switch between the browsed pictures. When playing a video with the multimedia player, press the menu key to hide the menu, then press the left and right arrow keys for fast forward or fast backward playback.

### Multimedia Format Supported in USB Drive

---

Video Format: 3GP/AVI/FLV/MP4/MPG/VOB/TS/M2TS/DAT/MKV

-----  
Audio Format: MP3/APE/AAC/FLAC/OGG/WAV/WMA/MID/DTS/M4A

-----  
Image Format: BMP/JPG/PNG/JPEG

-----  
Text Format: TXT/PDF/DOC/XLS/PPT

---

## Use of the Projector (A)

### How to Use Projection Settings

Select "Settings"-">"Projection Settings" on SETTING interface.

**Projection Mode:** Front Table / Rear Table / Front Ceiling / Rear Ceiling.

**Zoom in/Out:** Zoom out the image or enlarge the image to its original size.

**Focus Settings:** Power on auto focus / Auto focus / Focus Mode / Picture Calibration.

**Keystone Settings:** Power on automatic correction / Auto Keystone with move / Automatic screen alignment / Intelligent obstacle avoidance on... / Keystone Benchmark Correction.

**Fast Keystone Correction:** Adjust vertically / horizontally until the projection image becomes rectangular.

**Corner Correction:** Manually adjust the four corners through the arrow keys until the projection image becomes rectangular.

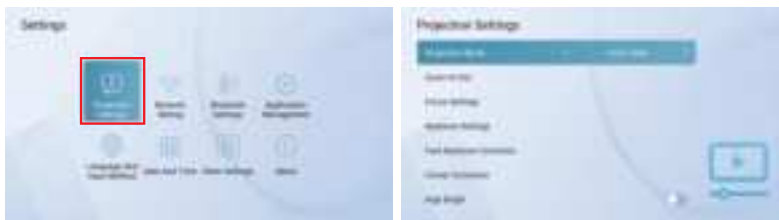
**High Bright:** Maximizes projector brightness for enhanced clarity.

**Standard Mode:** Default image brightness mode.

**Economic Mode:** Lower projector brightness to better protect eyes.

**Power Off Auto Retract Lens:** Automatically retract lens to original position after shutting off.

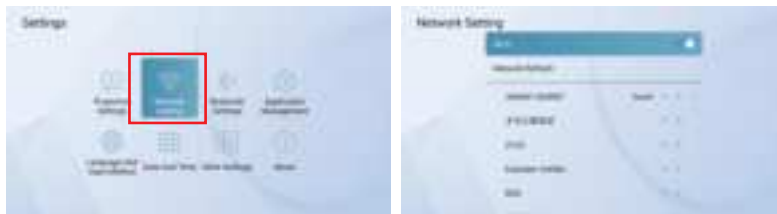
**Keystone Correction Reset:** Restore the projection image.



## Use of the Projector (A)

### Wireless Connect to the Internet

Select "Settings"->"Network Settings" on SETTING interface, turn on the "WiFi" switch and select the network on the list, fill in password and complete the connection.



### App Uninstallation

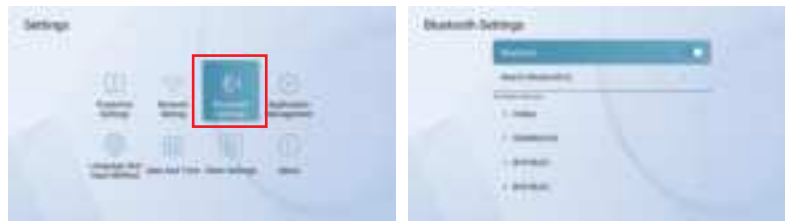
Select "Settings"->"Application Management" on SETTING interface, select the App and click "uninstall".



## Use of the Projector (A)

### How to Connect Bluetooth

Select "Settings"-"Bluetooth Settings" on SETTING interface. Turn on the "Bluetooth" switch, select and pair with Bluetooth device on the list.



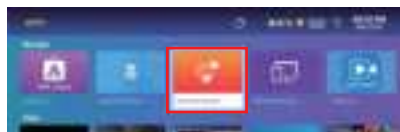
### Bluetooth Spaker Mode

Enter "Apps" interface, find and open "Bluetooth Speaker" app or press power button once and then select "Bluetooth speaker", the projector enters the Bluetooth speaker mode and automatically connects the matched phone, and you can play music through the projector from your phone.

#### Note:

In Bluetooth speaker mode, turn on "Screen Off" and the screen and fan will turn off automatically, to wake up the screen please press "return" button on the remote control. For the first time starting Bluetooth speaker mode, connect your phone and projector via Bluetooth first.

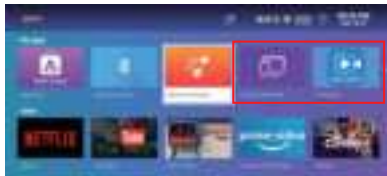
If the projector has matched multiple Bluetooth devices, your phone may not be connected by default. you need to enter "Settings" -> "Bluetooth Settings" first, and delete other matched Bluetooth devices.



## Use of the Projector (A)

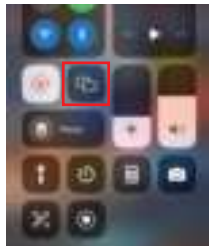
### How to Use Screen Mirroring

Go to APPS interface, select and open corresponding screen mirroring App for your device, and then set up the connection in the order.

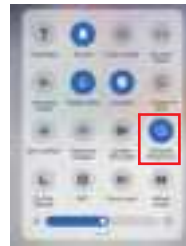
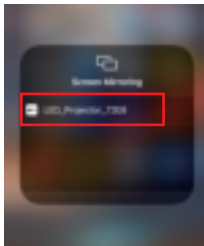


#### Connection Steps:

1. The projector and the Android or iOS device should be connected to the same WiFi or same Network.
2. Open Android Mirroring app for Android devices; Or open tranScreen app for iOS devices.
3. Turn on "Wireless Display" / "Wireless Projection" on Android device, or "Screen Mirroring" on the iOS device.
4. Select the corresponding projector device name to connect.



iOS



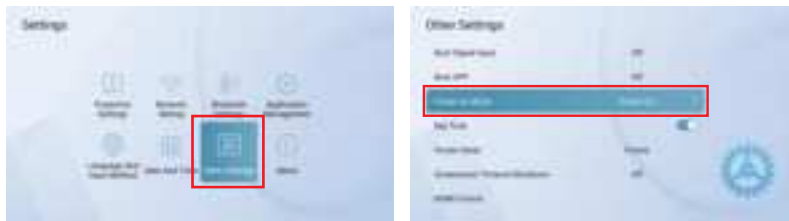
Android phone

## Use of the Projector (A)

### Electricity Boot

Select "Settings"->"Other Settings" on SETTING interface, turn on the "Power-on Mode" switch. Once power cable connected, projector will turn on directly and enter into main interface.

\*You can also use a timing switch or other smart device to achieve timed start of the projector. The timing switch device need to be prepared by yourself.

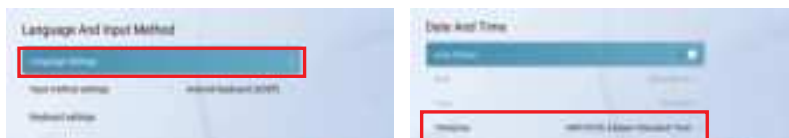


### Language and Time Zone Setting

Select and enter SETTING interface.

**Language And input Method:** Select and enter "Language Settings", and choose the language you want.

**Date And Time:** Select and enter "Timezone", and choose the time zone you want.



## Use of the Projector (B)

### Turn the Projector On/off

When the projector is connected to a power source, the projector enters into standby and the power indicator is red.

**Switch on:** Press the power key on the body or the power key on the remote control, the indicator will turn green/blue and enter working state.

**Switch off:** In the working state, press the power key on the body or the power key on the remote control twice, the indicator changes from green/blue to red, and the projector is turned off.

### Focus Adjustment:

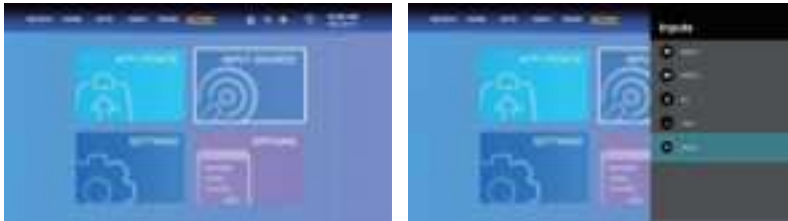
Select and enter "Settings" -> "Projection" -> "Focus Mode" on SETTING interface, turn on the "Power-on auto Focus" switch, and the projector will auto-focus when it is turned on. Press "F+" and "F-" on the remote control to manually adjust the focus.



## Use of the Projector (B)

### How to Switch Source

Select and enter "INPUT SOURCE" on SETTING interface, then select the source you want at the right of the page: AV / VGA/ HDMI1 / HDMI2 / Media.

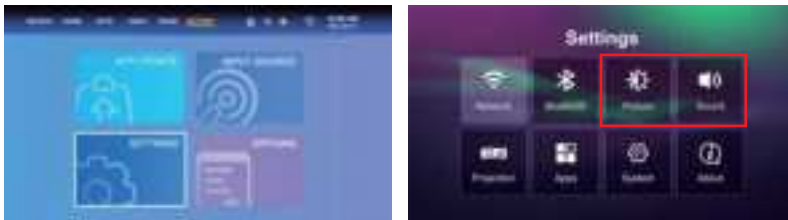


### How to Use Picture and Sound Settings

Select and enter "SETTINGS" on SETTING interface, then select "Picture" for image settings and "Sound" for audio settings.

**Picture:** Picture Mode / Brightness / Contrast / Saturation / HUE / Sharpness / Color Temperature / Red Gain.

**Sound:** Sound Style / Bass / Treble / Reset to Defaults.



## Use of the Projector (B)

### How to Play Files in USB Drive

Insert the USB device, and select “Yes” in the pop-up interface. Or Select and enter “INPUT SOURCE” on SETTING interface, then select “Media”.



### Note:

When browsing pictures with the multimedia player, press the menu key to hide the menu, and then press the left and right arrow keys to switch between the browsed pictures. When playing a video with the multimedia player, press the menu key to hide the menu, then press the left and right arrow keys for fast forward or fast backward playback.

### Multimedia Format Supported in USB Drive

---

Video Format: 3GP/AVI/FLV/MP4/MPG/VOB/TS/M2TS/DAT/MKV

-----  
Audio Format: MP3/APE/AAC/FLAC/OGG/WAV/WMA/MID/DTS/M4A

-----  
Image Format: BMP/JPG/PNG/JPEG

-----  
Text Format: TXT/PDF/DOC/XLS/PPT

---

## Use of the Projector (B)

### How to Use Projection Settings

Select and enter "SETTINGS" on SETTING interface, select and enter "Projection".

**Projection Mode:** Front / Rear / Ceiling Front / Ceiling Rear.

**Image Zoom Adjustment:** Zoom out the image or enlarge the image to its original size.

**Power-on Auto Focus:** the projector will automatically focus when it is turned on.

**Precise Focus:** Switch between quicker ToF image focus and more precise Camera focus.

**Movement Auto focus:** the projector will automatically focus when it is moved.

**Power Off Auto Retract Lens:** Retract lens automatically after projector is turned off, to ensure lens cap can be closed completely.

**H/V Keystone Correction:** Adjust vertically / horizontally until the projection image becomes rectangular.

**4-Corner Keystone Correction:** Manually adjust the four corners through the arrow keys until the projection image becomes rectangular.

**Power-on Auto Keystone:** Switch on and it will automatically adjust the projection image into rectangular when power on.

**Movement Auto Keystone:** Switch on and it will automatically adjust the projection image into rectangular when the projector is moved.

**Automatic Obstacle Avoidance:** Automatically adjust the projection image to avoid obstacle.

**Automatic Screen Alignment:** Automatically adjust the projection image to fit the screen with dark boarder.

**Keystone Function Calibration:** Re calibrate the keystone correction if the auto keystone correction doesn't work right for good shape image.

**Highlight Mode:** Maximizes projector brightness for enhanced clarity.

**Standard Mode:** Default image brightness mode.

**Energy saving Mode:** Lower projector brightness to better protect eyes.

**Reset To Defaults:** Restore the projection image.

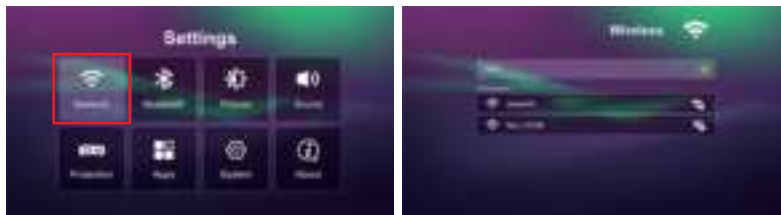
## Use of the Projector (B)

### Wired Connect to the Internet

Connect the network cable to the RJ45 port, the projector will automatically connect to the network.

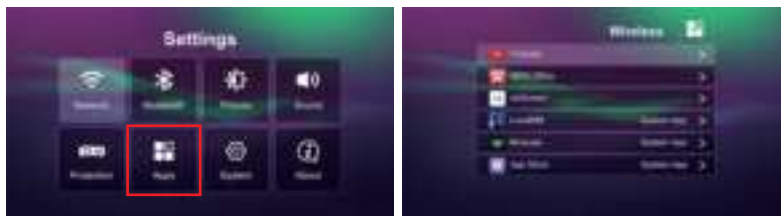
### Wireless Connect to the Internet

Select and enter "Network" in "SETTINGS" interface, turn on the "WiFi" switch and select the network on the list, fill in password and complete the connection.



### App Uninstallation

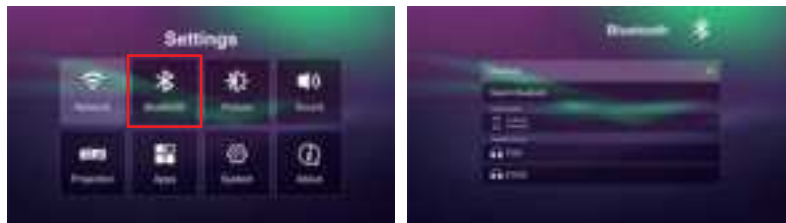
Select and enter SETTING interface, enter "SETTINGS" -> "Apps", select the App and uninstall.



## Use of the Projector (B)

### How to Connect Bluetooth

Select and enter "SETTINGS" on SETTING interface, then select and enter "Bluetooth". Turn on the "Bluetooth" switch, select and pair with Bluetooth device on the list.



### Bluetooth Spaker Mode

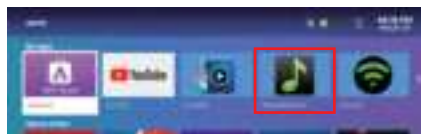
Enter "Apps" interface, find and enter "Bluetooth Speaker" app, the projector enters the Bluetooth speaker mode and automatically connects the matched phone, and you can play music through the projector.

#### Note:

In Bluetooth speaker mode, the screen goes off automatically, to wake up the screen please press "return" button on the remote control .

For the first time starting Bluetooth speaker mode, connect your phone and projector via Bluetooth first.

If the projector has matched multiple Bluetooth devices, your phone may not be connected by default. you need to enter "Settings" -> "Bluetooth" first, and delete other matched Bluetooth devices.

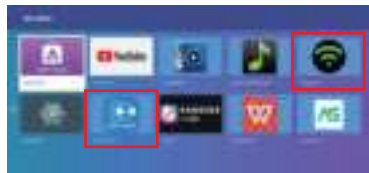


## Use of the Projector (B)

### How to Use Screen Mirroring:

Go to APPS interface, select and open corresponding screen mirroring App for your device, and then set up the connection in the order.

Miracast for Android devices; tranScreen for iOS devices.

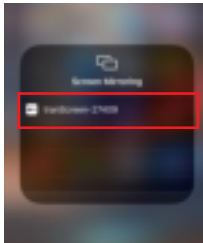


### Connection Steps:

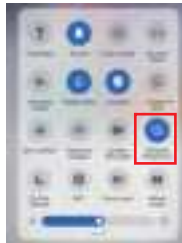
1. The projector and the Android or iOS device should be connected to the same WiFi or same Network.
2. Turn on "Wireless Display"/ "Wireless Projection" on Android device, or "Screen Mirroring" on the iOS device.
3. Select the corresponding projector device name to connect.



iOS



Android phone

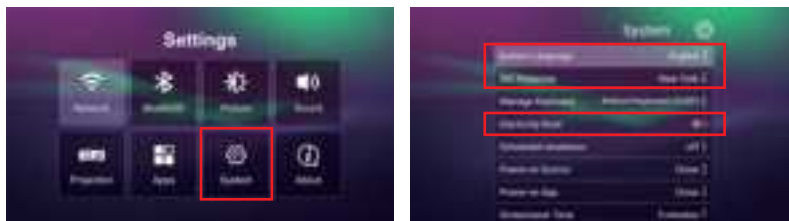


## Use of the Projector (B)

### Electricity Boot

Select and enter SETTING interface, enter "SETTINGS" -> "System", turn on the "Electricity Boot" switch. Once power cable connected, projector will turn on and enter into main interface.

\*You can also use a timing switch or other smart device to achieve timed start of the projector. The timing switch device need to be prepared by yourself.



### Language and Time Zone Setting

Select and enter SETTING interface, enter "SETTINGS" -> "System".

**Language Setting:** Select and enter "System Language", and choose the language you want.

**Time Zone Setting:** Select and enter "Set Timezone", and choose the time zone you want.

## Troubleshooting

### 1. The indicator light does not work when the power switch is turned on.

- ⊗ Power cable is not connected properly. Reconnect the power cable or change the power cable.
- ⊗ The power switch is faulty. Contact your seller for help.
- ⊗ The power board is faulty. Contact your seller for solutions.

### 2. The projector does not work on when using the remote control.

- ⊗ The power switch is turned off.
- ⊗ The remote control has no batteries or the batteries are low.
- ⊗ The remote control is not being aimed at the IR receiver.
- ⊗ The IR receiver is under strong lights.
- ⊗ The remote control is defective, contact your seller to get a new one.

### 3.No image.

- ⊗ The input source maybe incorrectly selected.
- ⊗ No input signal.
- ⊗ The input cable is not connected.
- ⊗ Under PC mode make sure the video output frequency is between 50~60Hz.
- ⊗ The lens may be blocked,check if there something in front of the lens or lens cover isn't taken off.

### 4. Auto-off.

- ⊗ The projector ventilation is blocked.
- ⊗ The voltage is not stable.
- ⊗ The projector is overheated. Check if the cooling fan is working.

### 5.System freeze up.

- ⊗ Android OS may have bug,contact your seller for technical support.

### 6.App contents cannot be mirrored.

- ⊗ Copyright protected App contents on Netflix,prime video, Hulu or any similar video service platform are prevented to be mirrored or cast. This restriction is set by the video service provider.

## Warranty Card

### Buyer information

Name/Company: \_\_\_\_\_

Telephone: \_\_\_\_\_

Address: \_\_\_\_\_

Fax No.: \_\_\_\_\_

Product Purchased: \_\_\_\_\_

Model No.: \_\_\_\_\_

Series No.: \_\_\_\_\_

Order ID: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

### IMPORTANT NOTE:

For returns, please go to Settings->About-Factory data reset, reset the projector to clear your personal data before sending it back.

### Manufacturer Information:

Guangzhou Caiwei Optoelectronics Co., Ltd.

Address: No.89, Majun Street, Nansha District, Guangzhou, China 511453

Official Website: [www.caiwei.net](http://www.caiwei.net)

Service Email: [service@caiwei.net](mailto:service@caiwei.net)

Thank you for purchasing the projector.

From date of purchasing, we offer one year warranty on projector and 6 months warranty on the bulb.

When you meet problem with the projector, contact your seller or send email to the above email address with your **ORDER NUMBER** and the purchase platform or website.

**IMPORTANT NOTE:**

All warranty policies and warranty terms are limited to brand new products that bought from official channels, second-hand products or purchased from other unofficial channels are not covered by the warranty, and no warranty service will be provided.